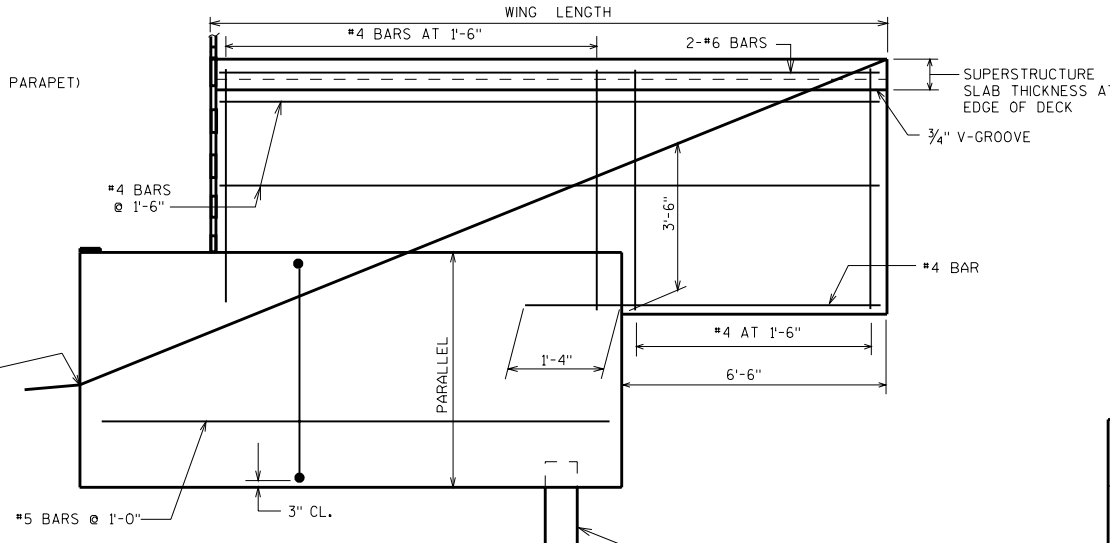
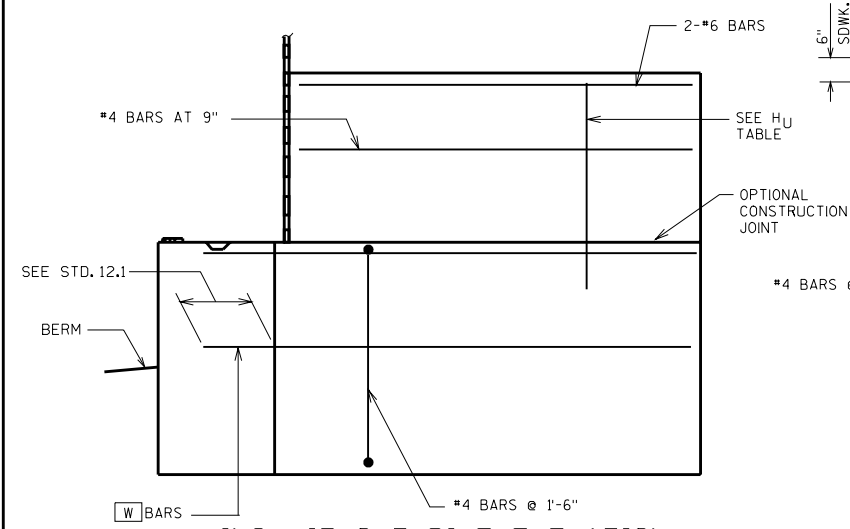


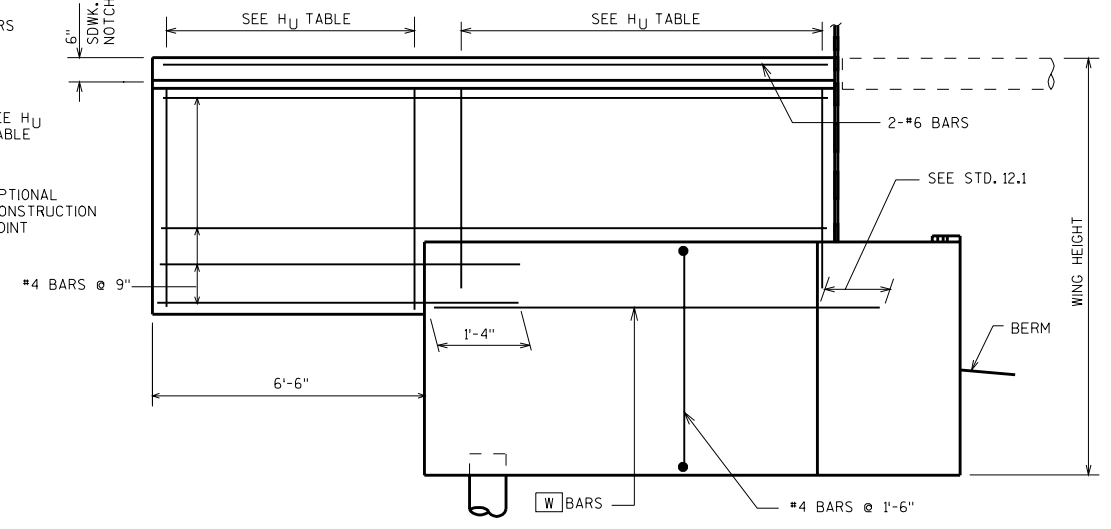
WING WITHOUT PILE ELEVATION
(FRONT FACE)



WING WITH PILE ELEVATION
(FRONT FACE)



WING WITHOUT PILE ELEVATION
(BACK FACE)



WING WITH PILE ELEVATION
(BACK FACE)

DESIGNER NOTES

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

THE SELECTION OF WING WITH PILE OR WING WITHOUT PILE IS BASED ON THE REQUIRED WING HEIGHT AND LENGTH AND THE LIMITS OF WING HEIGHT AND LENGTH SHOWN.

ALL WING BARS SHALL BE EPOXY COATED.

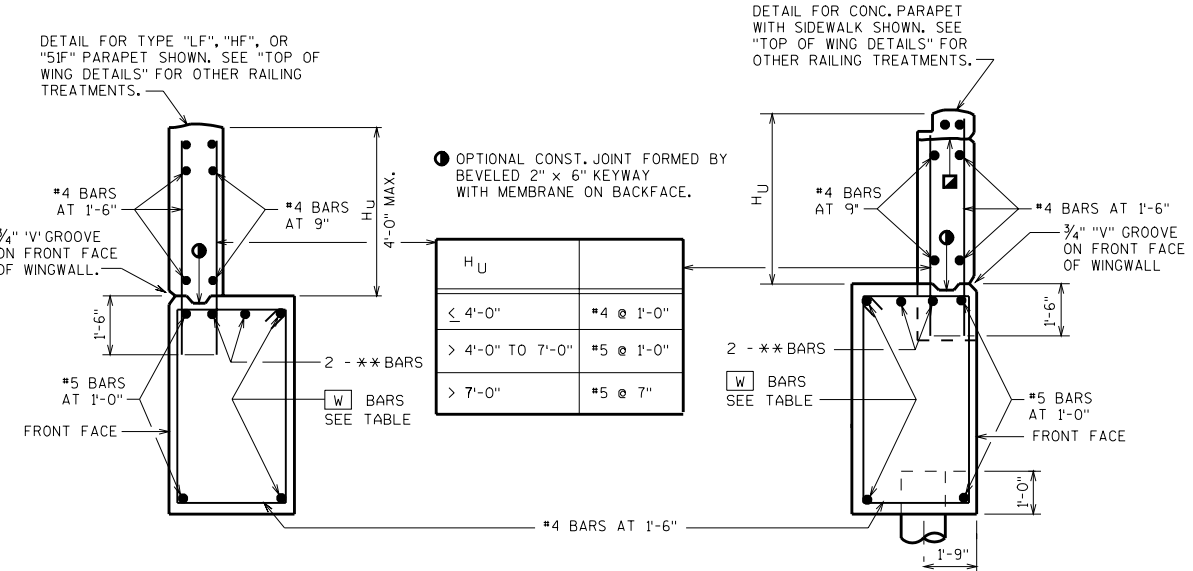
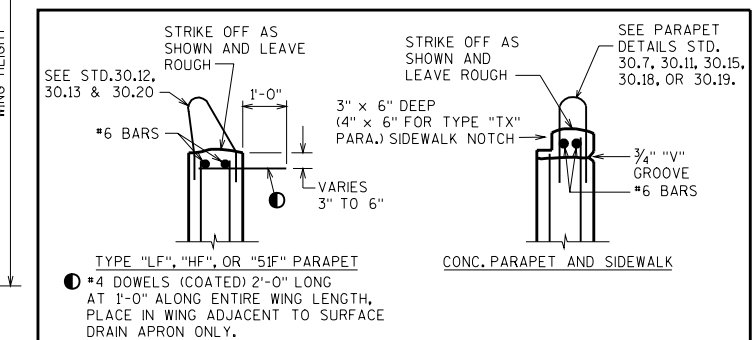
WHEN TYPE "F", "W" OR "M" RAILING IS USED, LOCATE NAME PLATE ON FIRST RIGHT WING TRAVELING UP STATION.

DESIGN LOADS

LIVE LOAD = 2'-0" SURCHARGE
LOAD FACTOR = 1.3 (5/3 LL+5/3E)
F_y = 60,000 P.S.I.
F_c = 3,500 P.S.I.
HORIZONTAL EARTH LOAD = 33*/SQ. FT. EQUIV. FLUID PRESSURE

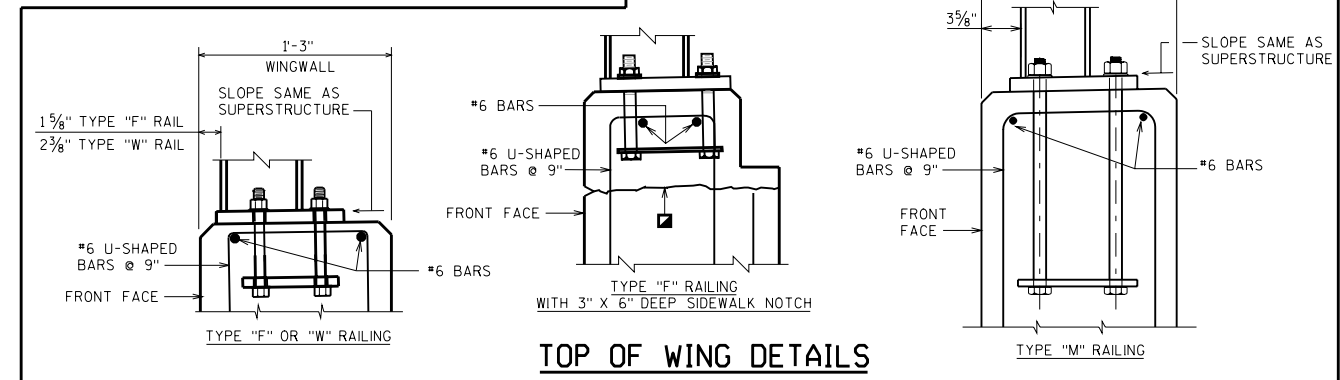
WING LENGTH	WING HEIGHT				BARS
	8'-6"	10'-0"	11'-6"	13'-0"	
10'-0"	*5-#7	*5-#7	5-#5	X	W
	*7-#8	*7-#8	6-#5		A1
12'-0"	*5-#7	*5-#7	6-#5	5-#6	W
	*7-#8	*7-#8	6-#7	7-#7	A1
16'-0"	6-#6	5-#7	6-#7	5-#8	W
	5-#8	6-#8	7-#8	8-#8	A1
20'-0"	6-#7	7-#7	7-#8	6-#9	W
	6-#9	7-#9	7-#10	8-#10	A1

* WING WITHOUT PILE VALUES SHOWN.
(FOR WING WITH PILE THAT HAS WING LENGTH IN THIS REGION, USE VALUES FOR 11'-6" WING HEIGHT.)



WING WITHOUT PILE SECTION

WING WITH PILE SECTION



TOP OF WING DETAILS

** BARS TO BE SAME SIZE AS "W" BARS.

CONSTRUCTION JOINT, LEAVE ROUGH. REQUIRED FOR PRESTRESSED CONCRETE SUPERSTRUCTURES. OPTIONAL FOR OTHERS. POUR CONCRETE ABOVE THIS JOINT AFTER DECK IS IN PLACE.

ABUTMENT TYPE A1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: _____ DATE: 6-02